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#### Relating Paleoenvironment Data to Hominin Sites: NSF HOMINID Database

As part of the US National Science Foundation HOMINID Grant (#BCS-0218511) we are compiling a web-enabled database of African and East Asian paleoanthropology sites (within the time span of 4 mya to .04 mya) and correlated environmental data. This database, which we will eventually present online, will be query-based (searchable) and interactive in a graphical format based on composite stratigraphic sections from hominin localities. The database will include information on paleoenvironment (oxygen isotopes, plant biomarkers, fossil pollen, etc.), archeology, geology, vertebrate biota and hominin morphology. The goal is to test hypotheses that relate paleoenvironmental data to evolutionary change in hominins and other organisms.